Claims

1.-9. (Cancelled)

10. (previously presented) A method for repairing, in situ, a hollow support structure that has a deteriorated portion and an access opening, comprising the steps of

a. placing a high tensile strength sleeve in the hollow support structure, to at least a depth such that the high tensile strength sleeve extends over the depth of the deteriorated portion,

b. pouring an aggregate material into the hollow support structure, to substantially fill the high strength sleeve with the aggregate that fills the hollow support structure at least over the depth of the deteriorated portion, and

c. allowing the aggregate to cure, in situ.

11. (original) A method as set forth in claim 10, wherein the hollow support structure has an in ground portion and an above ground portion, and wherein the hollow support structure has a deteriorated portion extending at least partially into the in ground portion, and an access opening in the above ground portion.

12. (previously presented) A method as set forth in claim 11, wherein

a. the step of placing a high tensile strength sleeve in the hollow support structure comprises providing a fabric sleeve having a mouth, placing the fabric sleeve through the access opening, forcing the sleeve into the in ground portion to at least an in ground depth that extends over the depth of the deteriorated portion, and locating the mouth of the sleeve in the access opening, and

b. the step of pouring the aggregate material into the hollow support comprises pouring an epoxy resin aggregate through the mouth of the sleeve, in an amount and to a depth such that the epoxy resin aggregate saturates the fabric sleeve and fills the hollow support structure at least over the depth of the deteriorated portion, and the

epoxy resin aggregate extends to the mouth of the fabric sleeve located in the access opening.

13. (original) A method as set forth in claim 12, wherein the step of forcing the sleeve into the in ground portion of the hollow support structure comprises tying off the sleeve, inserting a rod into the sleeve and using the rod to push the sleeve into the hollow support structure to a predetermined depth.

14. (original) A method as set forth in claim 12, wherein the aggregate comprises an epoxy resin aggregate that is mixed from the following materials; sand, gravel, saturating epoxy and epoxy hardener.

15. (previously presented) A method as set forth in claim 14, wherein the epoxy resin aggregate is mixed in the following relative proportions: 24% saturating epoxy, 12% epoxy hardener, 33% sand and 33% gravel.

16. (previously presented) A method as set forth in claim 10, including the further step of wrapping predetermined portion(s) of the hollow support structure, to contain the high strength sleeve and the aggregate material in the hollow support structure.

17. (previously presented) A method as set forth in claim 16, wherein the step of wrapping the exterior of the hollow support structure precedes the step of pouring epoxy resin aggregate into the hollow support structure.

18.-25. (cancelled).